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... 19 The power **switch delay ...** 20 Interleaved QSW transient response (**delay** time is reduced to **...** The interleaved QSW **topology** can significantly improve the transient **...**
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... and step-size . We consider two scenarios. i) Fixed or **switching topology** and zero communication time-**delay**: The following linear consensus protocol is used: **...**
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... scheme (eg, shortest path, etc.) the **delay** perform- ance **...** of the network, there are certain **topologies** (eg, grid **...** through as well as the message **switching** systems **...**
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... analysed in [10] , low dimension **topologies** are favoured **...** bandwidth between switches, and the **delay** caused by switches is comparable to the inter- **switch delay**. **...**
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... describes the tradeoff that must be made in choosing a network **topology**. Assume that the clock cycle is chosen to be the sum of the **switch delay** and the wire **...**
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... Indeed, since ATM **switching** implies low **delay** at each **...** advantage gained from low propagation **delay** on the **...** satellite constellations and ISL **topologies**, and then **...**
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... strategies are well-suited for use when the interface **switching delay** is large. **...** of static channel assignment is to control the network **topology** by deciding **...**
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Cited by 63 - Related articles - Web Search - All 7 versions

Key authors: **I Chlamtac** - **S Yao** - **X Zhou** - **R Olfati-Saber** - **P Kyasanur**

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... that conductor paths linking the **switching** ele- ments are short and add essentially no cost or signal **delay** to the system. Even though the **topologies** of packet **...**
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... capable of discovering the OXC network **topology**, and thus **...** stored within an output-buffered packet **switch** is experiencing a **delay** greater than a **...**
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... fast packet-**switching**, virtual cut-through, and deflection routing. **...** Operating with this **topology** improves a network's throughput and transmission **delay**. **...**
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... of composable soft macros (network interface, link, and **switch**). **...** here is general and other **topologies** (such as **...** such as minimizing average hop **delay**, area, and **...**
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Key authors: **I Chlamtac** - **S Yao** - **X Zhou** - **R Olfati-Saber** - **P Kyasanur**

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... and switchable interfaces with the example **topology** in Figure 2 **...** protocols in the route **discovery** process **...** A. Cost of interface **switching Switching delay** impacts a **...**
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... topology is very dynamic and the route lifetime is small **...** by the ants leads to the source node **switching** from a **...** ones hence reducing end-to- end **delay** for active **...**
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... oriented communication network to guarantee **delay** quality-of **...** and apparatus for providing **topology discovery** in an **...** to provide for high-speed **switching** of cells **...**
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... The **delay** between transmissions 1 and 2 is reintroduced at **...** and com- mercial thrust for **switching** between OW **...** robust quality of service The **topology**, which is **...**
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... as a result of transceiver mode **switching** can be **...** Mobile agent based **topology discovery** techniques can also help **...** must somehow balance **delay** constraints, battery **...**
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Key authors: **P Kyasanur** - **N Vaidya** - **C Toh** - **G Armitage** - **S Marwaha**

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... by the ants leads to the source node **switching** from a **...** As a direct result of providing **topology** information to the **...** The reduction in end-to-end **delay** and higher **...**
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... packets (the contents of route **discovery** packet are **...** requires **switching** only when the **topology** changes, which **...** be very expensive when the **switching delay** is large **...**
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CK Toh - Proceedings of INFOCOMM, 1996 - eprints.kfupm.edu.sa
... consideration the end-to-end **delay** of the **...** In this **topology**, the highly redundant connectivity nature of **...** provide shorter paths and fewer **switching** points, while **...**
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... In a recent work related to **topology discovery** for metro **...** SNMP MD3s to discover the physical **topology** of heterogeneous **...** 2) The terms "**switch**" and "bridge'1 can **...**
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M Ruffini, DO'Mahony, L Doyle - Proceedings of IEEE Tridentcom, 2006 - ctvr.ie
... Protocol Label **Switching**) which addresses link management **...** by automating tasks like **topology discovery** and connection **...** constitute the main element of the **delay**. **...**
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Key authors: **P Kyasanur** - **N Vaidya** - **C Toh** - **G Armitage** - **S Marwaha**

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... of available channels increases, and is fairly insen- sitive to interface **switching delay**. **...** number of packets sent by Y. During route **discovery** procedure, when **...**
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Key authors: **P Kyasanur** - **N Vaidya** - **I Ramani** - **P Bahl** - **S Savage**

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... rely upon, and to build a common research platform that promotes the **discovery** and
use **...** the case of **switching delay** which we deem to be at least as important. **...**
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... consumes small amount of storage, low routing overhead, and low route **discovery**
latency **...** One issue is the role-**switching delay** and the other issue is the piconet **...**
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assumed in Section II-A), and node initiates route **discovery** procedure by **...**
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... VoIP packets can be lost due to link **switching delay** which is **... Neighbor Discovery** completes 115 trmssmisslon capable; send s Binding Update Packet reception **...**
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... So, if the **switching delay** is D seconds for each **...** as locally optimizing costs during the **discovery** process may **...** of mobility is that the **neighbor** set frequently **...**
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... Time Handover start epoch **Neighbor Discovery** completes MN transmission capable; sends Binding Update **...** Link **switching delay** (t L) IP connectivity latency (t I) **...**
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... of every half second) and **discovery** is accomplished **...** work has re- duced this **switching delay** to approximately **...** SSCH maintains packets in per-**neighbor** FIFO queues **...**
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... gateway are thus used for gateway **discovery**, address auto **...** that they have a new **neighbor**, the nodes **...** by reducing mode-detection and **switching delay** that include **...**
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... happen that the two neighbors do not synchronize during the **neighbor discovery** phase and **...** Since each switch costs in terms of **switching delay**, scheduling, and re **...**
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An Address Configuration and Confirmation Scheme for Seamless Mobility Support in IPv6 Network
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... its interface. The algorithm checks if the address chosen by an MN is already in use using **neighbor discovery** procedures. That is **...**
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YH Han, SH Hwang - Computer Communications, 2006 - Elsevier
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... link which is good for route **discovery** messages is **...** One approach called "**neighbor** partitioning scheme" starts with **...** The channel **switching delay** is set to 80 **...**
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... and is fairly insen- sitive to interface **switching delay**. **...** the packet loss probability from a **neighbor** Y on **...** sent by Y. During route **discovery** procedure, when a **...**
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... by eliminating any scan or **neighbor discovery** operations. Al- though hardware specifications of several manufacturers indicate a channel **switching delay** in the **...**
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... In this paper, we propose to mitigate such effects with a more efficient fast **Neighbor Discovery** routine which requires each access point to execute movement **...**
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... Discovery of new access router (NAR) is per- formed through Router **...** Address Detection (DAD) procedure is performed by exchanging **Neighbor** So- licitation **...**
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... s **neighbor** list, the FHA performs periodically **Neighbor** Unreachable **Discovery** (NUD) to the fixed hosts in the **neighbor** list and **...** Link **switching delay**) (L t **...**
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T Pagtzis, R Chakravorty, J Crowcroft - Cambridge Open Mobile System (COMS) Technical Report--Joint ..., 2003 - cl.cam.ac.uk
... generation of multiple CoAs (addresses) per MN over AR neighbours, as well as IPv6 router solicitation/advertisement from **Neighbour Discovery** (ND) protocol **...**
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Multimedia ready handoff scheme for 802.11 networks
G Singh, AP Singh, BS Sohi - Proceedings of the 4th international conference on mobile ..., 2007 - portal.acm.org
... eliminated and layer 2 handoff delays (channel **switching delay**, authentication and **...**
Our approach uses Background Scan for **neighbor discovery** and as explained **...**
Related articles - Web Search

System and method for determining nearest **neighbor** information
RL Winter - US Patent App. 10/685,851, 2003 - Google Patents
... takes place at Layer 2, allowing the **discovery** of which **...** A nearest **neighbor** is a node that is physically **...** is long enough to infer a **switching delay** between the **...**
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System and method for determining nearest **neighbor** information
RL Winter - US Patent App. 10/685,851, 2003 - Google Patents
... A nearest **neighbor** is a node that is physically intercon- nected to a subject node **...**
If the transit time is long enough to **infer** a **switching delay** between the **...**
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On-demand power management for ad hoc networks- •uiuc.edu [PDF]
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... such messages should trigger a node to **switch** to active **...** scale of the end-to-end **delay**
from source **...** of packet delivery failure to better **infer** the availability **...**
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... and clock shifts in order to **infer** its neighbors **...** When packets destined to a **neighbor**
who is in the **...** The processing and propagation **delay** on the interface card **...**
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Medium access control with coordinated adaptive sleeping for wireless sensor networks- •isi.edu [PDF]
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... every 2 min if it has at least one **neighbor**. **...** its sleep schedule, there is a potential
delay on each **...** We therefore introduce a mechanism to **switch** the nodes from **...**
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... assumption is of course that transmitters can **switch** on and **...** goal of **neighbor discovery**
is to **infer** about the **...** L can be interpreted as detection **delay**, which is **...**
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MIPv6 experimental evaluation using overlay networks- •uc3m.es [PDF]
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... 1). The network **discovery delay** depends on **...** but if the generic L3 **Neighbour Discovery**
based mechanism **...** Generally – if the Lazy Cell **Switching** algorithm is used **...**
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... configuration [2] according to the methods of IPv6 **Neighbor Discovery** [8]. Then
MN **...** confirmation, and Binding Update, as well as link **switching delay**, and these **...**
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Impact of radio irregularity on wireless sensor networks- •umn.edu [PDF]
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... 3.3 Summary of Experimental Results From the experimental results, we **infer** that
the **...** number of frames sent) and 2) the average single hop **delay** of received **...**
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Y Li, W Ye, J Heidemann - Proceedings of the IEEE Wireless Communications and ..., 2005 - isi.edu
... transmissions are not interrupted when nodes **switch** schedules. **...** represents the maximum possible carrier sense **delay** at a **...** 1, we can **infer** that the time needed to **...**
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TR Kareem, K Matthee, HA Chan, N Ntlatlapa - Lecture Notes in Computer Science, 2008 - Springer
... that can tolerate large interface **switching delay**, dynamic channel **...** for fast **switching** module for **switching** of radio **...** It is therefore possible to **infer** that the **...**
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... similar to that of the L2 handoff **delay**, which is in **...** The MN will be allowed to **switch** to any one of **...** Therefore, the DE is still able to **infer** which intersection **...**
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Y Zhang, S Liu, W Jia, X Cheng - Parallel Processing, 2005. ICPP 2005. International ..., 2005 - ieeexplore.ieee.org
... address information accordingly and then may **switch** the master **...** 7 with Figure 6, we can **infer** that BluePower **...** population of nodes increases, the **delay** gets smaller **...**
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... algorithm makes sure different transmissions **switch** to non **...** is turned on, the session **delay** is almost **...** to distribute status necessary to **infer** current network **...**
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... such as hop count, diversity routing, **delay** constraint, and **...** mated **switching** needs to be coordinated upon **...** of three processes: **neighbor discovery**, link viability **...**
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M Burmester, T van Le - Proceedings of the International Conference on Information ..., 2004 - doi.ieeecomputersociety.org
... Figure 1. The Bayesian **inference** requirements **...** broadcasts a query ÖÕ × for **neighbor** list in **...** of this construction is that its route **discovery** algorithm is resis **...**
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... address information accordingly and then may **switch** the master **...** 7 with Figure 6, we can **infer** that BluePower **...** population of nodes increases, the **delay** gets smaller **...**
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... nodes in the network, a time **delay** is imposed to **...** is quickly resolved without source intervention by **switching** to an **...** We can **infer** that DSDV and DSR consume the **...**
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... route **discovery**, the route acquisition **delay** can be **...** nodes directly measure (or **infer**) local network **...** Al- ternatively, **neighbor discovery** can be facilitated by **...**
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... infer that it has not changed its link and can **...** referred to as Lazy Configuration **Switching**. **...** avoided if upper layer confirmations are received within the **DELAY**. **...**
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M Natu, K Li - cis.udel.edu
... can be used to **infer** the loss **...** can maintain information like observed **switching delay**, average transmission **...** management challenges as the **neighbor** set changes **...**
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